

REMARKS

The Applicant requests that the Examiner enter this amendment prior to examining the application. By this amendment, claims 9 and 13 have been amended, claims 1-8, 10-12, and 14-21 continue unamended, and new claims 22-48 have been added to more clearly claim aspects of the invention. The Applicants' submit that such new claims do not constitute new matter.

IN THE DRAWINGS

The Applicant has amended the drawings to conform to the specification. In particular, the following changes to the drawings have been made.

In FIG. 2, the reference designation "LV" is changed to "LU" to conform to the latchup current, as defined in the specification. (e.g., pages 9 and 10, paragraph 42).

In FIG. 5, reference designations L_{G1} and L_{G2} have been added to identify the lengths of respective regions 512 and 514 (e.g., page 15, paragraph 60). Furthermore, reference number "106₈" has been amended to "106_q" (e.g., page 14, paragraph 58).

In FIG. 6, reference designation "632" has been added to the first node between the gates of MOS transistors 610 and 612, and the source of MOS transistor 616 to conform to the specification (e.g., pages 16-17, paragraphs 66-68. Further, reference designations 108₁ and 108₂ have been reversed to conform to the specification (e.g., page 13, paragraphs 54 and 55).

In FIG. 7, reference designations 108₁ and 108₂ have been reversed to conform to the specification (e.g., pages 21-22, paragraph 81).

In FIG. 8, reference designations 108₁ and 108₂ have been reversed to conform to the specification (e.g., page 22, paragraph 84).

The Applicants' submit that such changes to the drawings do not add any new subject matter to the application.

IN THE SPECIFICATION

The Applicant has amended the specification to provide minor grammatical corrections, change reference designations to conform to the reference designations in the drawings, and to correct inconsistencies between the drawings and the Brief Description of the Drawings in the specification. Such grammatical corrections or reference designation changes do not add any new subject matter to the application.

IN THE CLAIMS

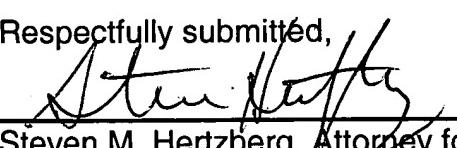
Claims 9 and 13 have been amended to provide minor grammatical changes that further clarify the Applicants' invention. Moreover, new claims 22-48 have been added to further claim features that the Applicants' consider as being inventive. The Applicants submit that such changes to the claims and additional new claims do not add any new subject matter.

Conclusion

Thus, the Applicants submit that Claims 1-46 are in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

If, however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, it is requested that the Examiner telephone Mr. Steven M. Hertzberg, Esq. at (732) 530-9404 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

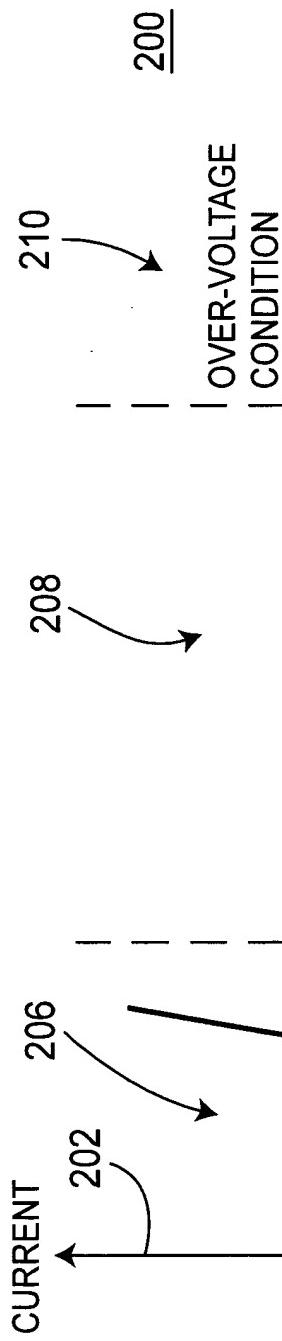


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ANNOTATED SHEET SHOWING
CHANGES

Applicants: Mergens, et al.
Serial No.: 10/783,844
Docket No.: SAR 14182A

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NORMAL POWERED
OPERATION FOR AC-HHISCR
DEVICE, OR GENERAL HHISCR
UNDER POWERED AND
NON-POWERED OPERATION

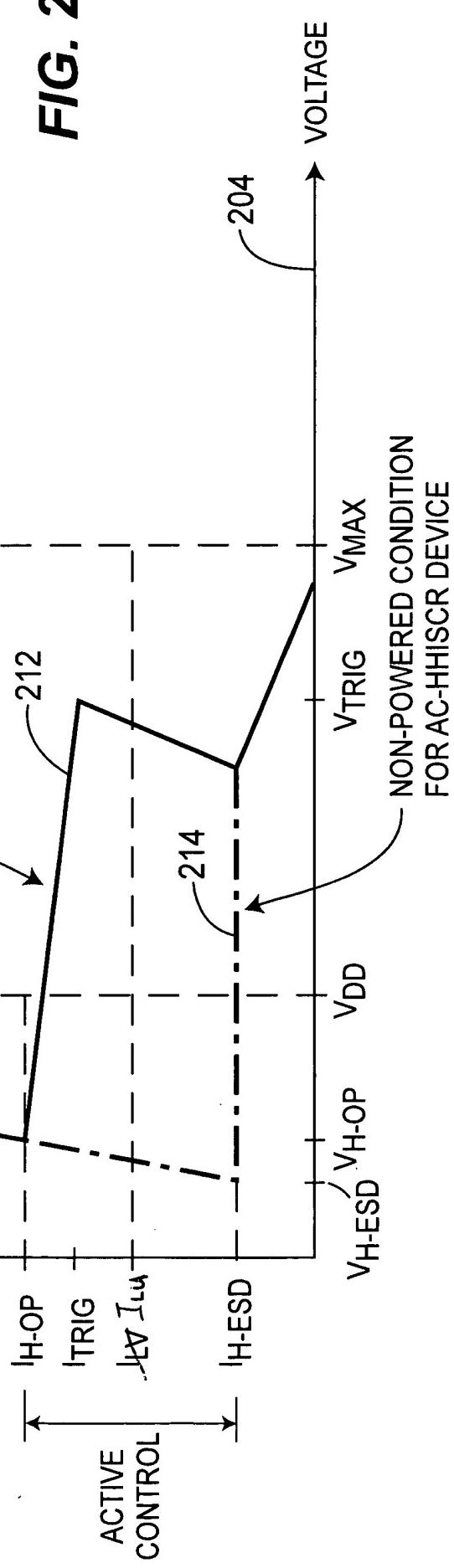


FIG. 2

**ANNOTATED SHEET SHOWING
CHANGES**

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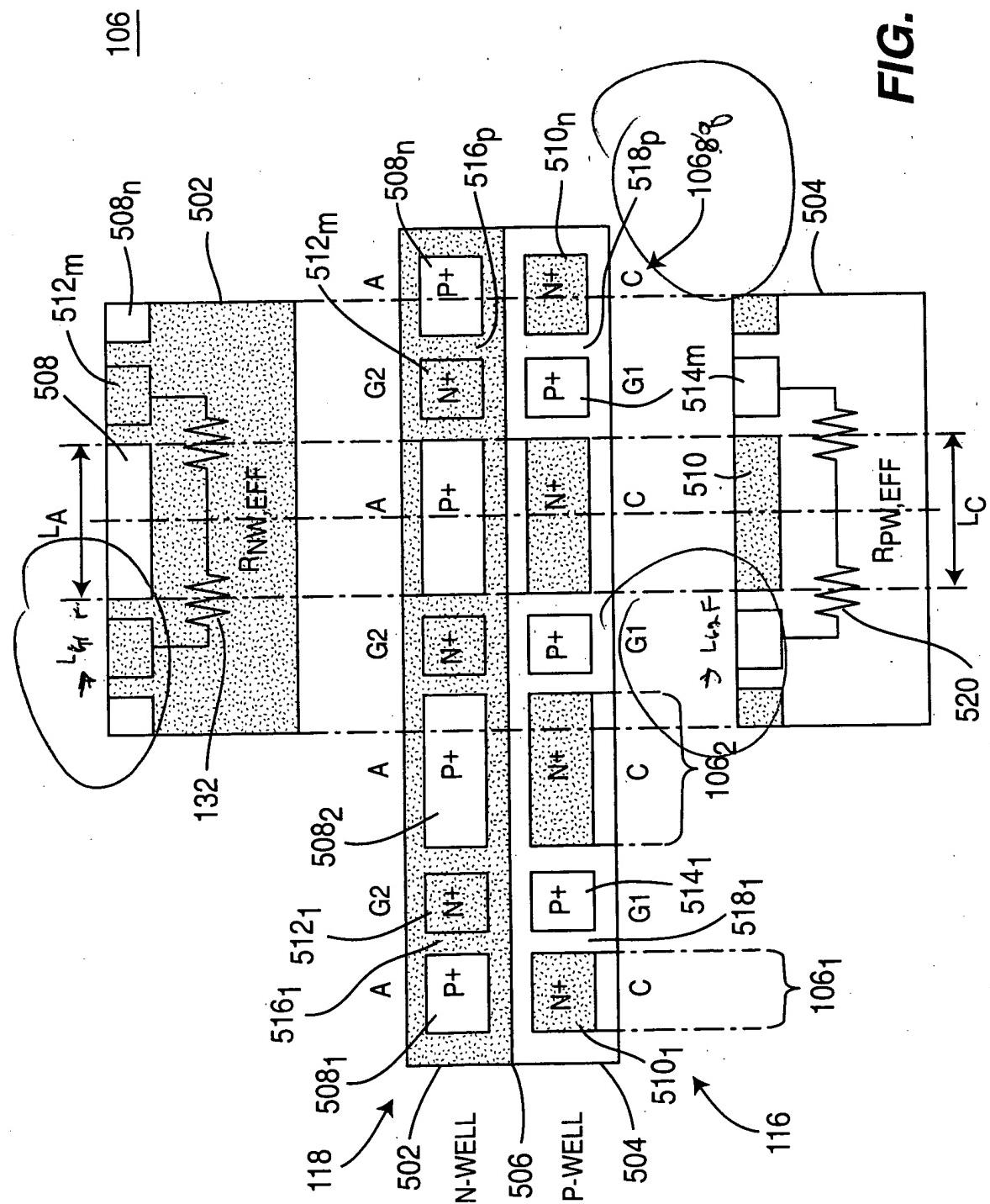


FIG. 5

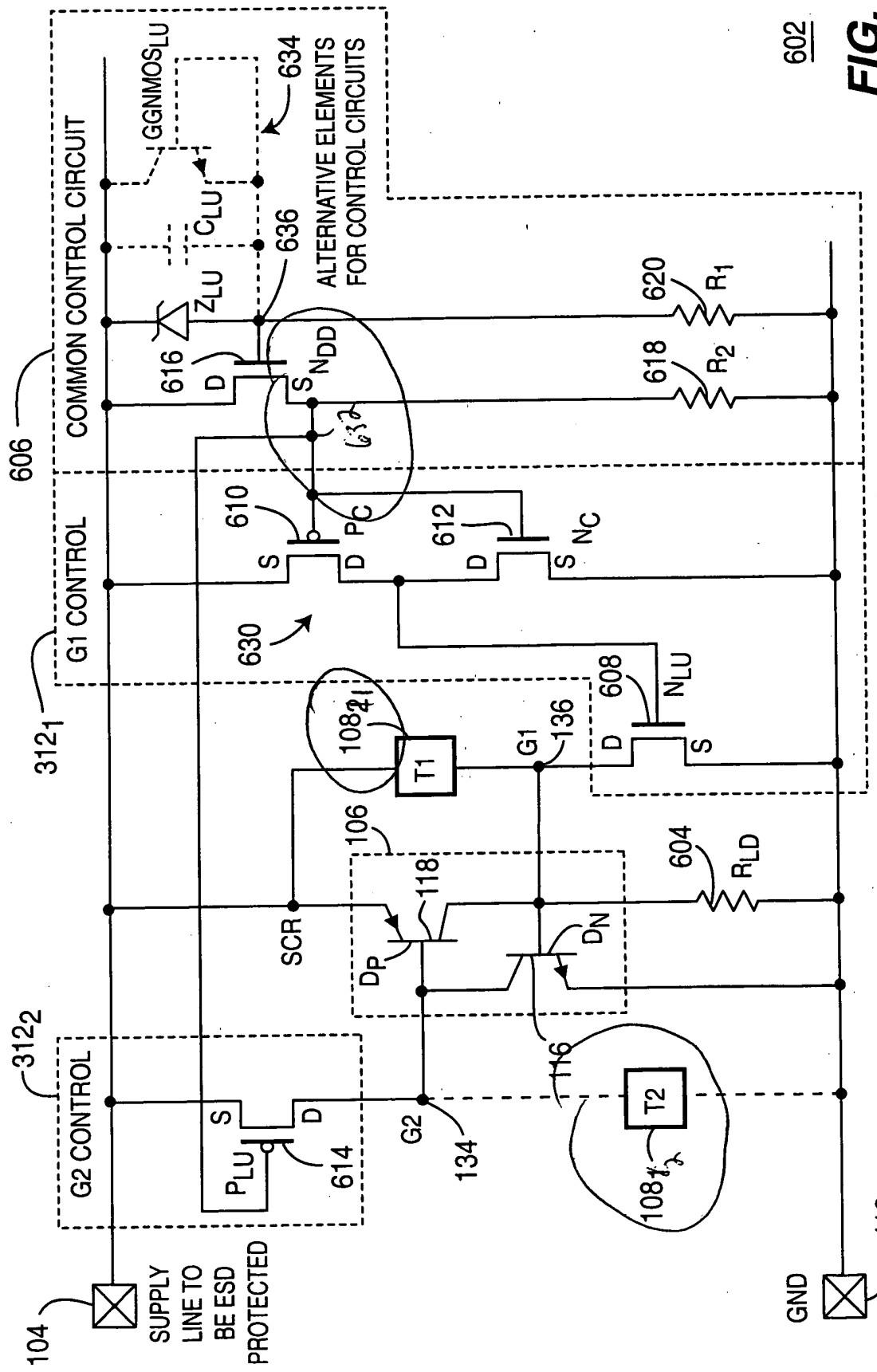
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FIG. 6



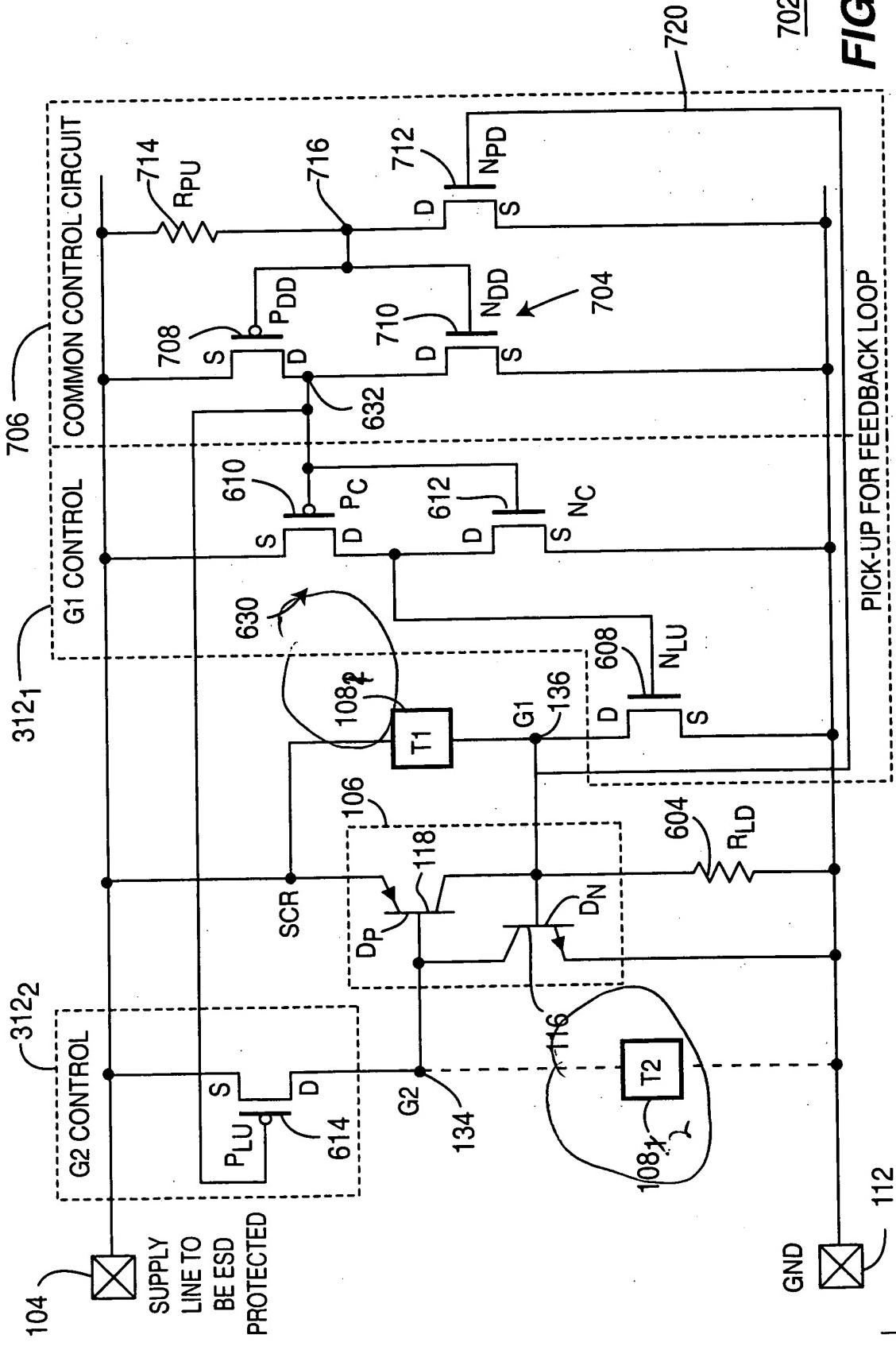
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FIG. 7



ANNOTATED SHEET SHOWING
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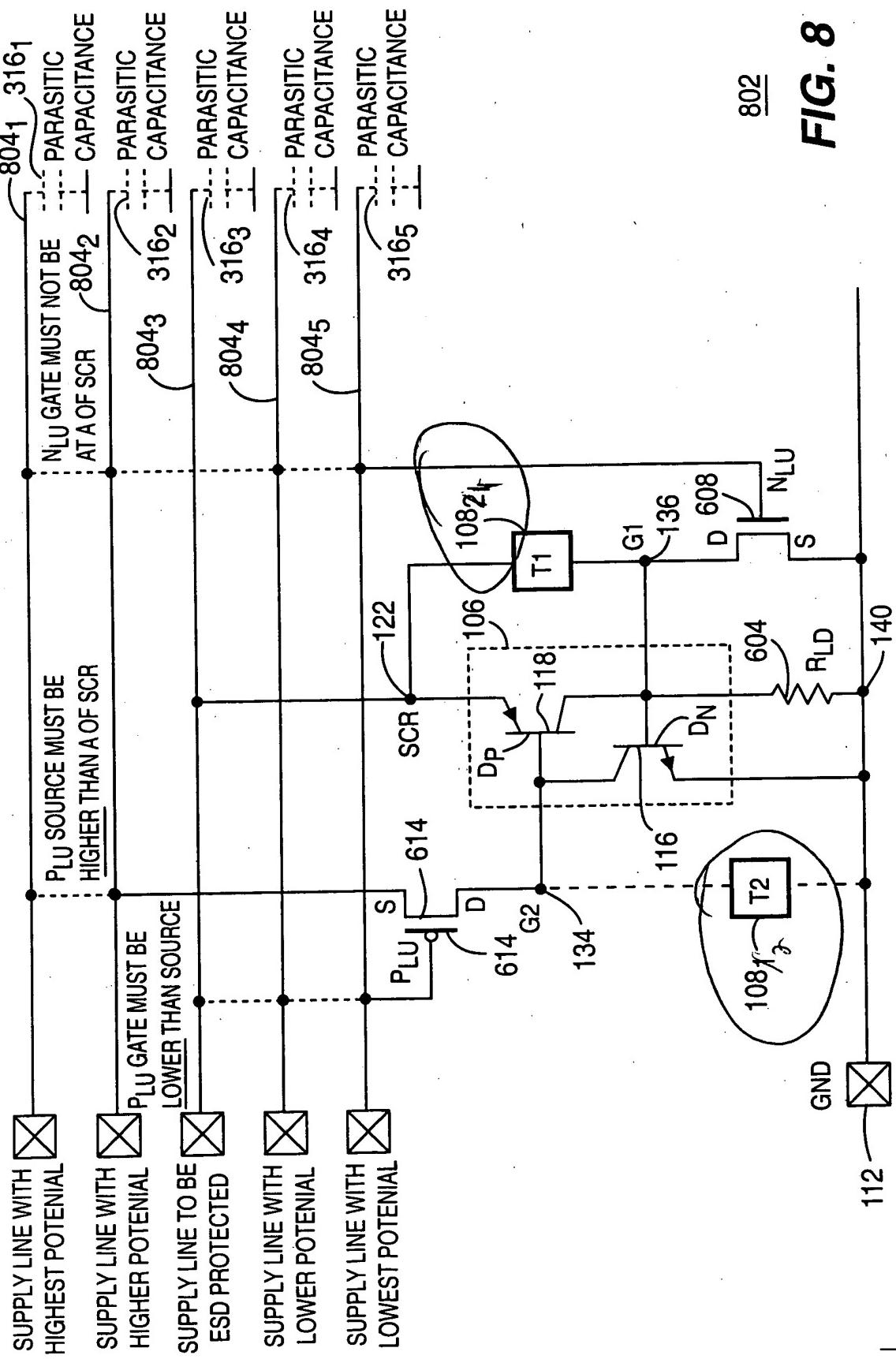


FIG. 8